

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL #	T	U	V
DU1	14-1/2	22	19
DU2	18-1/2	27-1/4	21
DU3			
DU4			
DU5	21-1/2	30-1/4	21
DU6			
DU7	23	33-3/4	24-3/4
DU8	23-1/2	39-3/8	28
DU9	29-1/2	38-7/8	28
DU10	30-5/8	43-3/8	33
DU11	33-1/2	52-3/4	40

**ROOF OPENING 2' SMALLER THAN CURB DIMENSION**

**Direct Fired Profile Plate Specifications:**

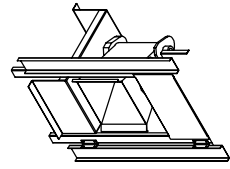
Direct fired burners shall have patented US Patent No. US6629282, self-adjusting profile plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall allow burners to achieve clean combustion by limiting by-product levels to a maximum of 5ppm of carbon monoxide (CO), and 0.5ppm of nitrogen dioxide (NO2).

Application: Spring-loaded burner profile plates are engineered to automatically react to the momentum of a fresh air stream, without the need for any motors or actuators to mechanically adjust them. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

Direct fired burner assemblies shall be included in the DF units. ETL listing and comply with all applicable standards including ANSI Z83.4 and CSA 3.7 (non-referencing DF heaters) and ANSI Z83.18 (referencing DF heaters).

General Construction: Burner assembly is formed from G90 galvanized steel. Profile plates shall vary in size per unit. Profile plates shall be mounted along the same plane as the discharge of the burner. Design shall incorporate properly torqued, permanently mounted spring hinges.

MODEL	WEIGHT	UNIT DIMENSIONS											CURB/RAIL		DISCHARGE OPENING		
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S
D250-G10	133	39-3/8	42-3/4	39	3-3/4	44-3/8	7-13/16	95-7/16	21	71	106	166-5/8	3-9/16	13-7/8	36-13/16	11-1/2	
D300-G10	135	39-3/8	42-3/4	39	3-3/4	44-3/8	7-13/16	95-7/16	21	71	106	166-5/8	3-9/16	13-7/8	36-13/16	11-1/2	
D300-G15	149	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	109-7/16	31	79	124	190-5/8	4-5/16	22-3/8	46-9/16	18	
D400-G15	149	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	109-7/16	31	79	124	190-5/8	4-5/16	22-3/8	46-9/16	18	
D450-G18	154	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	133	199-5/8	5-5/16	22-3/8	48-1/2	18	
D500-G18	154	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	133	199-5/8	5-5/16	22-3/8	48-1/2	18	
D1500-920	203	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	151	42	115-3/16	171-3/16	255-7/8	5-1/4	31-1/2	56-13/16	23-1/2	
D1500-920	203	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	151	42	115-3/16	171-3/16	255-7/8	5-1/4	31-1/2	56-13/16	23-1/2	



Direct Fired (DF) Profile Plate Assembly